

ABSTRACT OF THE DISCLOSURE

The energy beam guide comprises a first region having a first refractive index, the first region having an energy beam receiving end and an inclined first boundary opposing the energy beam receiving end. The energy beam guide also includes a second region having a second refractive index that is less than the first refractive index. The second region shares the first boundary with the first region, and has a declined second boundary opposing the first boundary. A predetermined distance separates the first and second boundaries. Finally, the energy beam guide comprises a third region having a third refractive index. The third region shares the second boundary with the second region. Also provided are a method for making and using the energy beam guide.

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